

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ilan Sutskov et al.	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith	Docket:	1000-0019
Title:	TRANSMITTER OPERATIONS FOR INTERFERENCE MITIGATION		

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement.

INFORMATION DISCLOSURE STATEMENT

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Serial No :Unknown

Dkt: P16077 (INTEL)

Filing Date: Herewith

Title: TRANSMITTER OPERATIONS FOR INTERFERENCE MITIGATION

Assignee: Intel Corporation

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

ILAN SUTSKOVER ET AL.

By their Representatives,

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Date December 29, 2003

By John C. Scott
John C. Scott
Reg. No. 38,613

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 29th day of December, 2003.

Andrew J. Kaul
Name

[Signature]
Signature

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number Unknown**Filing Date** Even Date Herewith**First Named Inventor** Sutskov, Ilan**Group Art Unit** Unknown**Examiner Name** Unknown

Sheet 1 of 1

Attorney Docket No: 1000-0019

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		CAIRE, GIUSEPPE, et al., "On the Achievable Throughput of a Multiantenna Gaussian Broadcast Channel", <u>IEEE Transactions on Information Theory</u> , vol. 49, no. 7, (July 2003), pp. 1691-1706	
		CAIRE, GIUSEPPE, et al., "On the Multiple Antenna Broadcast Channel", <u>36th Asilomar Conference on Signals, Systems and Computers</u> , (November 2001), 6 pages	
		COSTA, MAX H., "Writing on Dirty Paper", <u>IEEE Transactions on Information Theory</u> , vol. IT-29, no. 3, (May 1983), pp. 439-441	
		EREZ, URI, et al., "Capacity and Lattice-Strategies for Cancelling Known Interference", <u>ISITA 2000</u> , Honolulu, Hawaii, (November 2000), 5 pages	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached